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Tucson, Arizona 85718
July 7, 1995

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Office of the Secretary
Federal Communications Commission
Washington, D. C. 20554

Subject: **Petition RM-8653**

DOCKET FILE COPY ORIGINAL

Dear Sir:

The Apple Computer petition for an unlicensed National Information Infrastructure band should be approved.

I like the features that enable innovators to form vigorous community local area networks without necessitating any centralized control. It is bound to be a force for democracy, and will enable schools, hospitals and government agencies to communicate efficiently.

I urge your support. As a former active ham radio operator, I know the value of a designated spectrum for use in the public domain. This will invigorate entrepreneurs and technology to establish the equipment and protocols that can make it succeed.

Again, vote yes on the Apple petition!

Very truly yours,

Joseph Klimberg
Joseph Klimberg, WA6FDP

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July 9, 1995

Mr. William Caton, Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554
RE: RM-8653

DOCKET FILE COPY ORIGINAL

Sir,

This letter is in support of Apple's petition for "Allocation of Spectrum in the 5 GHz Band - to Establish a Wireless Component of the NII". Please consider the following three points:

1) Public information exists in a diverse environment and is a vital interest of all businesses and institutions.

Successful public expression is a fine line halfway between anarchy and dictatorship. Some groups are moving to lock up the access to integrated information infrastructure to the highest bidders. Some groups are looking to open access up to anything. Both approaches are OK for some but not all implementations. This application appears to be a balanced approach.

2) Software agents make the best public use of these facilities.


The whole information industry is moving away from direct access to infrastructure. Agents represent the solution to people's computer fears and dis-organized usage patterns. The fundamental time-sharing systems have been in place for several computer generations. Present day agents and message systems benefit from business and military experience.

3) The economic multiplier for distributed information technologies averages twelve times. If five hundred thousand is invested in any community the yield is six million dollars with over two million in taxes paid. Some configurations bring in better returns to specific communities. The growth of distributed work is higher in suburban and rural communities. Urban centers also benefit from the growth in the surrounding economies.

UPIQ is firmly committed to safe public band width. The growth of electronic marketplace structures depends on access to the widest possible population to support the widest possible selection of information traffic.

Thank you for your time in considering this letter and the attachments.

Sincerely,


Dennis Stillwaggon
5300 SW Whitby Ave.
Corvallis, OR 97333-1303

503-758-0053 home

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July 8, 1995

RE: RM-8653
Mr. William Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

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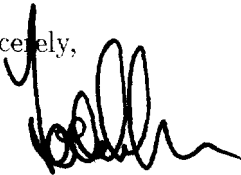
Dear Mr. Caton,

I strongly urge the commission to approve Apple Computer's petition for creation of the NII bands, 5150-5300 MHz and 5725-5875 MHz, for regulated unlicensed use. This is a great idea whose time has come.

While I have no doubt that the major telecommunications corporations will oppose this because of its clear threat to their hold on other spectral bands, it is clearly in the public interest to allocate these new bands.

The technical innovation that will be unleashed will be of great economic importance to the US; take as an example the astounding economic and social impact of another accessible, public, regulated but unlicensed medium: the wire-bound internet.

Sincerely,



Todd Cass, PhD
Member of the Research Staff
Xerox Palo Alto Research Center
3333 Coyote Hill Road
Palo Alto, CA 94304

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Office of the Secretary
Federal Communications Commission (FCC)
Washington D.C. 20554

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JUL 12 1995

July 5, 1995

RE: Petition RM-8653

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To Whom It May Concern:

I am writing in support of the above referenced petition. While I am sure that arguments are being made that approval of such a request will lead inevitably to anarchy, and provide no benefit to the vast majority of the public, I believe that the opposite is true.

Just as public access channels have not destroyed the television networks, enlightened public access in other arenas is unlikely to do the harm opponents to this petition suggest. In fact, if anything, free public access to the requested portion of the *public* broadcast spectrum will create jobs and opportunities that only the entrepreneurial American public, relieved of corporate and governmental obstruction, is capable of creating.

Rather than allowing corporate interests to own the public spectrum, give the public an opportunity to manage some small portion of the frequencies you control on our behalf. There is little danger to anyone in such benevolent management of the airwaves. Grant this petition on a probationary basis subject to review in 10 years. If at that time the public has displayed a lack of ability or interest in managing their own affairs, auction the frequencies off to the highest bidder.

First though, let us prove that the much-maligned American public is capable of more than the corporate giants believe. Such an act would also renew the public faith in a Federal government so often seen as working counter to our best interests. With wisdom and forethought, this action could do more to encourage free market principles and effects than any public policy in the last half of this century.

Sincerely,


Donn W. Christensen, Jr.

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TO:

Mr. William Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

RECEIVED
FEB 21 1983
COMM. DIV.

FROM:

Daniel L. Green
3061 Bar Harbour Road
Chicago Illinois 60504-6875
(708)585-0890

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RE:

RM-8653

Petition for Rulemaking in the Matter of Allocation of Spectrum in the 5 GHz Band - to Establish a Wireless Component of the NII

I believe the FCC should give serious consideration to Apple's petition for an NII band, as outlined in **RM-8653**.

I am a computer professional, employed with the First National Bank of Chicago, and I strongly believe that the FCC should expedite creation of the NII Band and adopt technical rules to hasten the development and deployment of new technologies, as outlined in **RM-8653**. The benefits of these actions include the following:

- 1) Adequate bandwidth to support high-speed voice, video and data applications (up to 24 Mbps or more) for large numbers of personal and corporate users
- 2) operation in protected spectrum and in conformance with an overarching set of technical rules, developed by the information industry, and set at the minimum level necessary to assure equal access
- 3) open entry and equal access to the spectrum for all compliant devices and all types of communications
- 4) longer distance communications (10-15 km or more), creating new possibilities for unlicensed community networks - much greater range than cellular sites
- 5) low cost voice and data communications for residential, educational, business, community, city, county, rural and mobile voice, video and data communications -

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including point-to-point exchanges and point-to-multipoint creator-controlled broadcasting

6) security - spectrum-spreading algorithms make eavesdropping difficult, and communications can be further scrambled (while the transmitted data itself can be pre-encrypted for another layer of security);

7) derails arguments for censorship - content is inherently scrambled

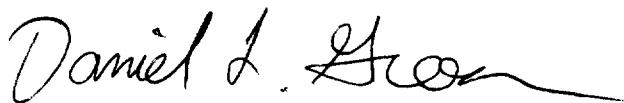
8) true competition in both content and conduit - like the Internet, the two-way nature of this extension to the medium would further allow consumers to be creators and service providers as well.

9) would greatly extend the future of rural, community and educational networking;

10) a huge advantage for wearable computer technology, for the disabled and for general computer-users, which depends upon wireless communications.

Thank you for your time and consideration in this matter.

Sincerely,

A handwritten signature in cursive script, reading "Daniel L. Green", followed by a long horizontal flourish.

Daniel L. Green
3061 Bar Harbour Road
Chicago, Illinois 60504-6875
phone: (708)585-0890
e-mail: dang@splunge.com